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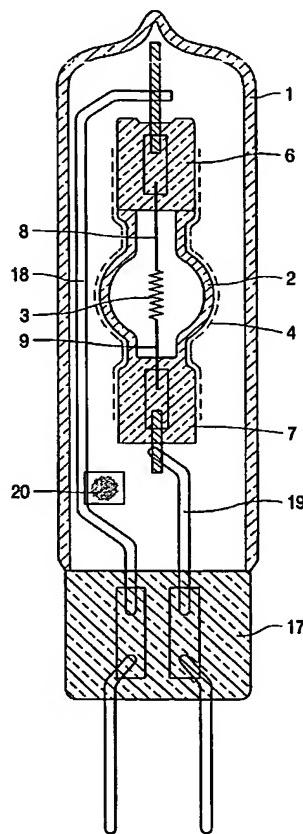
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(54) Title: ELECTRIC LAMP WITH AN OPTICAL INTERFERENCE FILM



(57) Abstract: An electric lamp has an outer lamp envelope (1) enclosing a light-transmitting inner lamp vessel (2) in a gastight manner. A light source (3) is arranged in the inner lamp vessel. An optical interference film (4) is provided on at least part of an inner surface of the outer lamp envelope or on at least part of an outer surface of the inner lamp vessel. The optical interference film comprises a plurality of alternating high and low refractive index layers, the material of the high refractive index layer comprising substantially zirconium oxide. Preferably, the ratio of the volume V_{ilv} of the inner lamp vessel to the volume V_{ole} outer lamp envelope (1) is: $V_{ilv} / V_{ole} \leq 0.5$, preferably ≤ 0.25 .

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